

***Mail.XML Version 24.0***

**System Messages Specification**

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## Abstract

This document describes the messaging protocol for use by mailers and their consignees. The Mail.XML™ Transaction Protocol defines the roles and responsibilities of Shippers and Consignees and defines the format and method for message exchange. This messaging protocol is designed to be XML and Web-Services compliant.

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## About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing. The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

## What's New in Mail.XML Version 24.0?

With this release, the Mail.XML Messaging Protocol moves to Version 24.0. In addition to minor cleanup, this release supports new elements for Informed Delivery and Informed Platform.

Changes supported by Mail.XML 24.0 include:

- Modify summaryRecordUpdateType (called by ContainerUpdateRequest) increasing the length to 20 for the TruckDispatchNumber and TruckAndDispatchNumber elements
- Modify serviceCodeType removing "RRM" enumeration value for Return Receipt for Merchandise extra service that has already been discontinued
- Changing copyrights and namespaces to reference DTAC, as DTAC is now the owner of the Mail.XML Specification
- Add new USPSCampaignID element to the CampaignData block in order to identify a campaign that originated outside of eDoc

- Add two new elements, InformedAddressIndicator and InformedAddressExpDate, to the QualificationReportSummary (qualificationReportSummaryDataType) to support Informed Address functionality
- Modify ExtraServiceIMPBarcode (in mailPieceBlockType), changing type to intelligentMailPackageBarcodeType, instead of ns34 type
- Modify rateCategoryType adding new enumeration to support Plus One as a permanent product

## About Mail.XML Schema Modularization

Today Mail.XML messages are grouped into 8 message types.

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- Dynamic Payment Template Messages
- Identification Messages (ID)
- Supply Chain Messages (SC)
- Informed Visibility (IV)
- System Messages
- Base: Shared simple types
- Definitions: Shared complex types and elements

The simple types shared across 2 or more modules are found in the Base schema. Likewise, the shared definitions module contains complex type definitions and elements that are shared across 2 or more modules.

## Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML wrapper schema\*\*(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations: xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0/mailxml" targetNamespace="http://delivery-tech.org/Specs/mailxml24.0/mailxml"

- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML\_24.0A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML\_24.0B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML\_24.0.xsd' <- Major Version

## Mail.XML 24.0 XSD Modules:

The following Mail.XML XSD modules/namespaces are used:

Note: Actual xsd filenames include the version number (e.g. *mailxml\_base\_24.0.xsd*).

- mailxml\_tm.xsd: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_tm:
- mailxml\_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_mm:
- mailxml\_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_iv:
- mailxml\_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_dd:
- mailxml\_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_id:
- mailxml\_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml\_sc:
- mailxml\_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=mailxml\_defs:

- mailxml\_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=mailxml\_base:
- mailxml.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=mailxml:

## **The Mail.XML™ 24 Messaging Documentation Set**

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 23.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 24.0: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 24.0: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 24.0: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 24.0: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 24.0: Identification Messaging Specification documents all identification messages
- Mail.XML™ 24.0: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 24.0: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 24.0: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 24.0: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 24.0: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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# 1 Index

schema location: [..\XSDs\mailxml\\_dd\\_24.0.xsd](#)  
attribute form default: **qualified**  
element form default: **qualified**  
targetNamespace: [http://delivery-tech.org/Specs/mailxml24.0/mailxml\\_dd](http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd)

## Elements

[AddressCorrection](#)

[AddressCorrectionDelivery](#)

[AddressCorrectionNotification](#)

[AddressCorrectionQueryRequest](#)

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[ByForConflictDelivery](#)

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[NixieDetail](#)

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[NixieDetailQueryResponse](#)

[NonComplianceDataWithPostageOwedQueryRequest](#)

[NonComplianceDataWithPostageOwedReportDelivery](#)

[NonComplianceDataWithPostageOwedReportNotification](#)

[NonComplianceDataWithPostageOwedReportQueryResponse](#)

[ScanSTCCount](#)

[ScanSTCReconciliationDelivery](#)

[ScanSTCReconciliationNotification](#)

[ScanSTCReconciliationQueryRequest](#)

[ScanSTCReconciliationQueryResponse](#)

[StartTheClockBEMUBlock](#)

## Complex types

[addressCorrectionAddressType](#)

[byForConflictType](#)

[clockStartedType](#)

[dqrContainerInfoType](#)

[foreignAddressType](#)

[manifestScanEventDetailType](#)

[manifestScanNotificationDataType](#)

[manifestScanQueryType](#)

[MPSNotificationDataType](#)

[MPSRResponseBlockType](#)

[MPSVisScanQueryType](#)

[newAddressCorrectionAddressType](#)

[nonComplianceDataWithPostageOwedReportType](#)

[PSRResponseBlockType](#)

[unManifestedScanEventDetailType](#)

[verificationErrorType](#)

## Simple types

[addressCorrectionMoveType](#)

[addressTypeType](#)

[containerScanStateType](#)

[deliverabilityCodeType](#)

[eDocTypeType](#)

[primarySecondaryIndicatorType](#)

[verificationErrorTypeType](#)

[verificationWarningTypeType](#)



[StartTheClockDropShipOrOrigin](#)

[StartTheClockPlantLoadBlock](#)

## 2 Elements

### element AddressCorrection

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:OriginalMailerID6</b> <b>mailxml_dd:OriginalMailerID9</b> <b>mailxml_dd:OriginalIMB</b> <b>mailxml_dd:RecordCreationDate</b> <b>mailxml_dd:MoveEffectiveDate</b> <b>mailxml_dd:MoveType</b> <b>mailxml_dd:DeliverabilityCodeType</b> <b>mailxml_dd:FullServiceComplianceIndicator</b> <b>mailxml_dd:FullServiceNonComplianceReasonCode</b> <b>mailxml_dd:COAName</b> <b>mailxml_dd:KeylineFromEDoc</b> <b>mailxml_dd:OldAddress</b> <b>mailxml_dd:NewAddress</b> <b>mailxml_dd:PrivateMailBox</b> <b>mailxml_dd:ClassNotificationType</b> <b>mailxml_dd:FeeNotification</b> <b>mailxml_dd:BillReasonCode</b> <b>mailxml_dd:FreeChargeFlag</b> <b>mailxml_dd:FSNonFSAAvailabilityDate</b> <b>mailxml_dd:FullServiceIndicator</b> <b>mailxml_dd:ReturnInfo</b>
used by	elements <a href="#">AddressCorrectionDelivery</a> <a href="#">AddressCorrectionQueryResponse/QueryResults</a>

## element AddressCorrectionDelivery

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient mailxml_dd:PushMessageID <a href="#">mailxml_dd:AddressCorrection</a>
annotation	documentation Delivery of address correction delivery data from USPS.

## element AddressCorrectionNotification

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd

children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:CRID</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaidatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:NotificationDate</b> <b>mailxml_dd:AvailableRecordCount</b>
annotation	documentation Notification from UPSP that address correction data is ready to pick up.

### element **AddressCorrectionQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:OwningParty</b> <b>mailxml_dd:PieceRequest</b> <b>mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for full service address correction data.

### element **AddressCorrectionQueryResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:QueryResults</b> <b>mailxml_defs:QueryError</b>

annotation	documentation Response to the query request for full service address correction data.
------------	--

element **ByForConflictDelivery**

diagram	
namespace	<a href="http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd">http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</a>
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_defs:DataRecipient</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:ByForConflict</b>
annotation	documentation Delivery of by / for conflict information from USPS.

## element **ByForConflictNotification**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaidatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:NotificationDate</b> <b>mailxml_dd:AvailableRecordCount</b>
annotation	documentation Notification from USPS that a by / for conflict resolution is ready for pickup.

## element **ByForConflictQueryRequest**

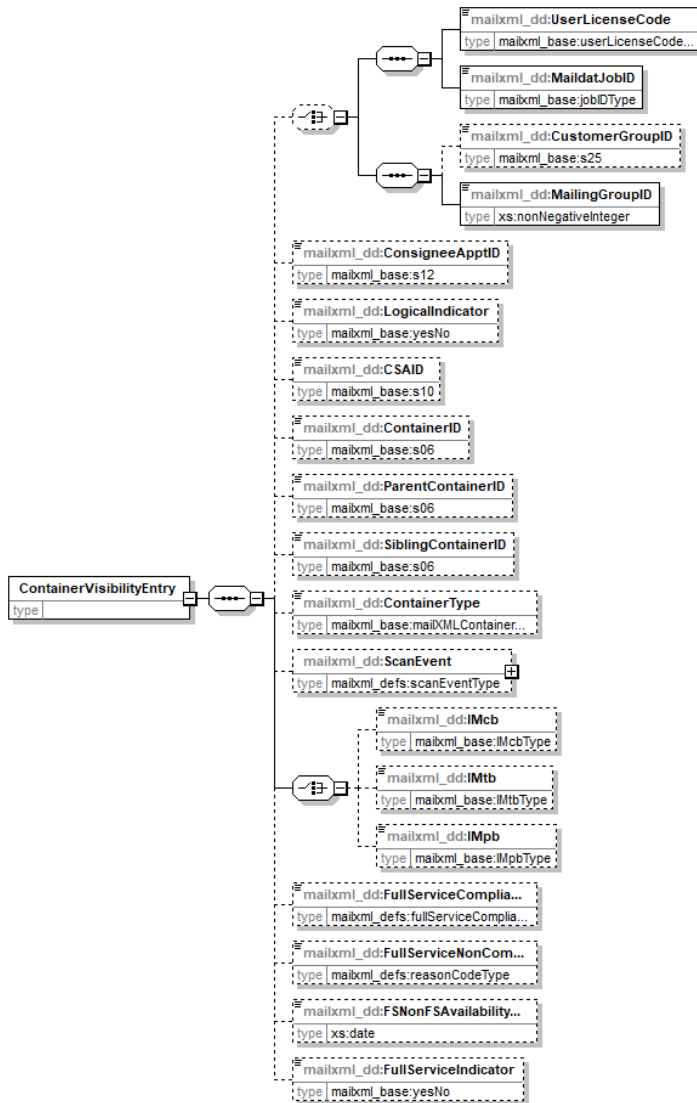
diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaidatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for by(preparer) / for(owner) conflicts information in edocs.

## element **ByForConflictQueryResponse**

diagram	<p><b>ByForConflictQueryResponse</b> type</p> <p>Response to the query by(preparer) / for(owner) conflicts information in edocs.</p> <p><b>attributes</b></p> <ul style="list-style-type: none"> <li>grp mailxml_defs:LargeTrans... <ul style="list-style-type: none"> <li>mailxml_defs:MessageGroupID</li> <li>mailxml_defs:TotalMessageCou...</li> <li>mailxml_defs:MessageSerialNu...</li> <li>mailxml_defs:TransmittedRecor...</li> <li>mailxml_defs:TotalRecordsAcro...</li> <li>mailxml_defs:LastMessage</li> </ul> </li> </ul> <p>mailxml_dd:TrackingID type mailxml_base:s20</p> <p>mailxml_dd:SubmitterTrackingID type mailxml_base:s20</p> <p>mailxml_dd:QueryResults type</p> <p>mailxml_defs:QueryError type</p> <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError</b>
annotation	documentation Response to the query by(preparer) / for(owner) conflicts information in edocs.

## element ContainerVisibilityEntry

diagram



namespace [http://delivery-tech.org/Specs/mailxml24.0/mailxml\\_dd](http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd)

children

mailxml\_dd:UserLicenseCode mailxml\_dd:MaidatJobID mailxml\_dd:CustomerGroupID mailxml\_dd:MailingGroupID  
 mailxml\_dd:ConsigneeApptID mailxml\_dd:LogicalIndicator mailxml\_dd:CSAID mailxml\_dd:ContainerID  
 mailxml\_dd:ParentContainerID mailxml\_dd:SiblingContainerID mailxml\_dd:ContainerType mailxml\_dd:ScanEvent  
 mailxml\_dd:IMcb mailxml\_dd:IMtb mailxml\_dd:IMpb mailxml\_dd:FullServiceComplianceIndicator  
 mailxml\_dd:FullServiceNonComplianceReasonCode mailxml\_dd:FSNonFSAAvailabilityDate  
 mailxml\_dd:FullServiceIndicator



element **DataQualityVerificationReportDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<p>mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_defs:DataRecipient  mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID  mailxml_dd:eDocSenderCRID mailxml_dd:PushMessageID mailxml_dd:TotalJobContainerCount  mailxml_dd:TotalJobHandlingUnitCount mailxml_dd:TotalJobPieceCount  mailxml_dd:TotalJobContainerHUErrorCount mailxml_dd:TotalJobPieceErrorCount  mailxml_dd:TotalJobContainerHUWarningCount mailxml_dd:TotalJobPieceWarningCount  mailxml_dd:PreparerCRID mailxml_dd:TotalPreparerContainerCount mailxml_dd:TotalPreparerHandlingUnitCount  mailxml_dd:TotalPreparerPieceCount mailxml_dd:TotalPreparerContainerHUErrorCount  mailxml_dd:TotalPreparerPieceErrorCount mailxml_dd:TotalPreparerContainerHUWarningCount  mailxml_dd:TotalPreparerPieceWarningCount mailxml_dd:OwnerCRID mailxml_dd:TotalOwnerContainerCount  mailxml_dd:TotalOwnerHandlingUnitCount mailxml_dd:TotalOwnerPieceCount  mailxml_dd:TotalOwnerContainerHUErrorCount mailxml_dd:TotalOwnerPieceErrorCount  mailxml_dd:TotalOwnerContainerHUWarningCount mailxml_dd:TotalOwnerPieceWarningCount  mailxml_dd:VerificationErrorType mailxml_dd:DataQualityContainerInfo mailxml_dd:VerificationWarningType  mailxml_dd:DataQualityContainerInfo</p>
annotation	<p>documentation  Delivery Message should be similar to FullServiceDatQualityVerificationQueryResponse, The Query should mimic the query for COC without the role, transtype and participant, do need to add the LargeDataTransactionDivider to Delivery and Response messages</p>

## element DataQualityVerificationReportNotification

diagram	<p><b>DataQualityVerificationReportNotification</b> type Notification from USPS that a full service data quality verification report is ready for pickup.</p> <p>mailxml_dd:SubmittingParty type mailxml_defs:participantIDType</p> <p>mailxml_dd:SubmittingSoftware type mailxml_defs:submittingSoftwareType</p> <p>mailxml_dd:PushMessageID type mailxml_base:s25</p> <p>mailxml_dd:UserLicenseCode type mailxml_base:userLicenseCodeType</p> <p>mailxml_dd:MaidatJobID type mailxml_base:jobIDType</p> <p>mailxml_dd:CustomerGroupID type mailxml_base:s25</p> <p>mailxml_dd:MailingGroupID type xs:nonNegativeInteger</p> <p>mailxml_dd:eDocSenderCRID type mailxml_base:CRIDType</p> <p>mailxml_dd:VerificationErrorType type mailxml_dd:verificationErrorType 1..∞</p> <p>mailxml_dd:VerificationWarningType type mailxml_dd:verificationWarningType 1..∞</p> <p>mailxml_dd:FSNonFSAvailabilityDate type xs:date</p> <p>mailxml_dd:NotificationDate type xs:date</p> <p>mailxml_dd:AvailableRecordCount type xs:nonNegativeInteger</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaidatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:eDocSenderCRID</b> <b>mailxml_dd:VerificationErrorType</b> <b>mailxml_dd:VerificationWarningType</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:NotificationDate</b> <b>mailxml_dd:AvailableRecordCount</b>
annotation	documentation Notification from USPS that a full service data quality verification report is ready for pickup.

## element DataQualityVerificationReportQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:eDocSenderCRID</b> <b>mailxml_dd:VerificationErrorType</b> <b>mailxml_dd:VerificationWarningType</b> <b>mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for full service data quality reports.

## element DataQualityVerificationReportQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_defs:MessageGroupID</b> <b>mailxml_defs:TotalMessageCount</b> <b>mailxml_defs:MessageSerialNumber</b> <b>mailxml_defs:TransmittedRecords</b> <b>mailxml_defs:TotalRecordsAcross</b> <b>mailxml_defs&gt;LastMessage</b> <b>mailxml_dd:TrackingID</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:QueryResults</b> <b>mailxml_defs:QueryError</b>
annotation	documentation Response to the Request for Full Service Data Quality Verification Reports

namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError</b>
annotation	documentation  Response to the Request for Full Service Data Quality Verification Reports

## element **DeliveryPointValidation**

diagram	<pre> xsd:element name="DeliveryPointValidation" type="mailxml_base:IMBType"&gt;   <xsd:choice>     <xsd:choice>       <xsd:element name="mailxml_dd:OriginalMailerID6" type="mailxml_base:mailerID6Type"></xsd:element>       <xsd:element name="mailxml_dd:OriginalMailerID9" type="mailxml_base:mailerID9Type"></xsd:element> </xsd:choice>     <xsd:choice>       <xsd:element name="mailxml_dd:UserLicenseCode" type="mailxml_base:userLicenseCodeType"></xsd:element>       <xsd:element name="mailxml_dd:MaildatJobID" type="mailxml_base:jobIDType"></xsd:element>       <xsd:element name="mailxml_dd:CustomerGroupID" type="mailxml_base:s25"></xsd:element>       <xsd:element name="mailxml_dd:MailingGroupID" type="xs:nonNegativeInteger"></xsd:element> </xsd:choice>     <xsd:element name="mailxml_dd:InvalidDeliveryPointIMB" type="mailxml_base:IMBType"></xsd:element>     <xsd:element name="mailxml_dd:PrimarySecondaryIndicator" type="mailxml_dd:primarySecondaryIndicatorType"></xsd:element>     <xsd:element name="mailxml_dd:DPVDataRecipientCRID" type="mailxml_base:CRIDType"></xsd:element>     <xsd:element name="mailxml_dd:FullServiceComplianceIndicator" type="mailxml_defs:fullServiceComplianceIndicatorType"></xsd:element>     <xsd:element name="mailxml_dd:FullServiceNonComplianceReasonCode" type="mailxml_defs:reasonCodeType"></xsd:element>     <xsd:element name="mailxml_dd:FullServiceIndicator" type="mailxml_base:yesNo"></xsd:element>     <xsd:element name="mailxml_dd:FSNonFSAAvailabilityDate" type="xs:date"></xsd:element>     <xsd:element name="mailxml_dd:ReturnInfo" type="mailxml_defs:basicReturnInfoType"></xsd:element> </xsd:choice>  </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:InvalidDeliveryPointIMB mailxml_dd:PrimarySecondaryIndicator mailxml_dd:DPVDataRecipientCRID mailxml_dd:FullServiceComplianceIndicator mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:FullServiceIndicator mailxml_dd:FSNonFSAAvailabilityDate mailxml_dd:ReturnInfo</b>
used by	elements <a href="#">DeliveryPointValidationDelivery</a> DeliveryPointValidationQueryResponse/QueryResults

## element **DeliveryPointValidationDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_defs:DataRecipient</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:PushMessageID</b> <a href="#">mailxml_dd:DeliveryPointValidation</a>
annotation	documentation Delivery of Delivery Point Validation by USPS.

## element DeliveryPointValidationNotification

diagram	<p><b>DeliveryPointValidationNotificati...</b> type Notification by UPSP that Delivery Point Validation is ready for pickup.</p> <p>mailxml_dd:SubmittingParty type mailxml_defs:participantIDType</p> <p>mailxml_dd:SubmittingSoftware type mailxml_defs:submittingSoftwa...</p> <p>mailxml_dd:CRID type mailxml_base:CRIDType</p> <p>mailxml_dd:PushMessageID type mailxml_base:s25</p> <p>mailxml_dd:UserLicenseCode type mailxml_base:userLicenseCode...</p> <p>mailxml_dd:MaildatJobID type mailxml_base:jobIDType</p> <p>mailxml_dd:CustomerGroupID type mailxml_base:s25</p> <p>mailxml_dd:MailingGroupID type xs:nonNegativeInteger</p> <p>mailxml_dd:FSNonFSAAvailability... type xs:date</p> <p>mailxml_dd:NotificationDate type xs:date</p> <p>mailxml_dd:AvailableRecordCou... type xs:nonNegativeInteger</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:CRID mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification by UPSP that Delivery Point Validation is ready for pickup.

## element DeliveryPointValidationQueryRequest

diagram	<p><b>DeliveryPointValidationQueryRe...</b> type Query request for USPS for delivery point validation.</p> <p>mailxml_dd:SubmittingParty type mailxml_defs:participantIDType</p> <p>mailxml_dd:SubmittingSoftware type mailxml_defs:submittingSoftwa...</p> <p>mailxml_dd:SubmitterTrackingID type mailxml_base:s20</p> <p>mailxml_dd:RequestorCRID type mailxml_base:CRIDType</p> <p>mailxml_dd:OriginalMailerID6 type mailxml_base:mailerID6Type</p> <p>mailxml_dd:OriginalMailerID9 type mailxml_base:mailerID9Type</p> <p>mailxml_dd:UserLicenseCode type mailxml_base:userLicenseCode...</p> <p>mailxml_dd:MaildatJobID type mailxml_base:jobIDType</p> <p>mailxml_dd:CustomerGroupID type mailxml_base:s25</p> <p>mailxml_dd:MailingGroupID type xs:nonNegativeInteger</p> <p>mailxml_dd:DateRange type</p> <p>mailxml_dd:retrieveDataBy type mailxml_defs:retrieveDataByType</p>
---------	---

namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:RequestorCRID</b> <b>mailxml_dd:OriginalMailerID6</b> <b>mailxml_dd:OriginalMailerID9</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:DateRange</b> <b>mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for USPS for delivery point validation.

## element DeliveryPointValidationQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:QueryResults</b> <b>mailxml_defs:QueryError</b>
annotation	documentation Response to the Query request for USPS for delivery point validation.

# element **IMbMailpieceScanData**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:MailBundleCount</b> <b>mailxml_dd:MPSCount</b> <b>mailxml_dd:IMcbAndIMtbPieceScanInfo</b> <b>mailxml_dd:IMcbPieceScanInfo</b> <b>mailxml_dd:IMtbPieceScanInfo</b> <b>mailxml_dd:IMbScanRec</b>



# element NixieDetail

<p>diagram</p>	
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</p>
<p>children</p>	<p>mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:OriginalIMB mailxml_dd:RecordCreationDate mailxml_dd:ActionCode mailxml_dd:ParsedAddressOnPiece mailxml_dd:OnPieceCityStateZip mailxml_dd:ReturnedToAddress mailxml_dd:ReturnedToCityStateZip mailxml_dd:ReasonCode mailxml_dd:KeylineFromEDoc mailxml_dd:ClassNotificationType mailxml_dd:FeeNotification mailxml_dd:FullServiceComplianceIndicator mailxml_dd:FullServiceNonComplianceReasonCode mailxml_dd:BillReasonCode mailxml_dd:FreeChargeFlag mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ReturnInfo</p>
<p>used by</p>	<p>elements <b>NixieDetailQueryResponse/QueryResults</b> <a href="#">NixieDetailDelivery</a></p>
<p>annotation</p>	<p>documentation Full service nixie detail.</p>

## element **NixieDetailDelivery**

diagram	<p><b>NixieDetailDelivery</b> type Delivery from USPS of full service nixie detail.</p> <p>Attributes:</p> <ul style="list-style-type: none"> <li>grp mailxml_defs:LargeTrans...</li> <li>mailxml_defs:MessageGroupID</li> <li>mailxml_defs:TotalMessageCou...</li> <li>mailxml_defs:MessageSerialNu...</li> <li>mailxml_defs:TransmittedRecor...</li> <li>mailxml_defs:TotalRecordsAcro...</li> <li>mailxml_defs:LastMessage</li> </ul> <p>Children:</p> <ul style="list-style-type: none"> <li>mailxml_dd:SubmittingParty (type mailxml_defs:participantIDType)</li> <li>mailxml_dd:SubmittingSoftware (type mailxml_defs:submittingSoftwa...)</li> <li>mailxml_defs:DataRecipient (type)</li> <li>mailxml_dd:PushMessageID (type mailxml_base:s25)</li> <li>mailxml_dd:NixieDetail (type, 1..∞) Full service nixie detail.</li> </ul>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_defs:DataRecipient</b> <b>mailxml_dd:PushMessageID</b> <a href="#">mailxml_dd:NixieDetail</a>
annotation	documentation Delivery from USPS of full service nixie detail.

## element NixieDetailNotification

diagram	<p><b>NixieDetailNotification</b> type</p> <p>Notification by USPS that full service nixie detail is ready for pickup.</p> <p>mailxml_dd:SubmittingParty type mailxml_defs:participantIDType</p> <p>mailxml_dd:SubmittingSoftware type mailxml_defs:submittingSoftwa...</p> <p>mailxml_dd:CRID type mailxml_base:CRIDType</p> <p>mailxml_dd:PushMessageID type mailxml_base:s25</p> <p>mailxml_dd:UserLicenseCode type mailxml_base:userLicenseCode...</p> <p>mailxml_dd:MaildatJobID type mailxml_base:jobIDType</p> <p>mailxml_dd:CustomerGroupID type mailxml_base:s25</p> <p>mailxml_dd:MailingGroupID type xs:nonNegativeInteger</p> <p>mailxml_dd:FSNonFSAvailability... type xs:date</p> <p>mailxml_dd:NotificationDate type xs:date</p> <p>mailxml_dd:AvailableRecordCou... type xs:nonNegativeInteger</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:CRID mailxml_dd:PushMessageID mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:NotificationDate mailxml_dd:AvailableRecordCount
annotation	documentation Notification by USPS that full service nixie detail is ready for pickup.

## element NixieDetailQueryRequest

diagram	<p><b>NixieDetailQueryRequest</b> type</p> <p>Query request for full service nixie detail.</p> <p>mailxml_dd:SubmittingParty type mailxml_defs:participantIDType</p> <p>mailxml_dd:SubmittingSoftware type mailxml_defs:submittingSoftwa...</p> <p>mailxml_dd:SubmitterTrackingID type mailxml_base:s20</p> <p>mailxml_dd:RequestorCRID type mailxml_base:CRIDType</p> <p>mailxml_dd:OriginalMailerID6 type mailxml_base:mailerID6Type</p> <p>mailxml_dd:OriginalMailerID9 type mailxml_base:mailerID9Type</p> <p>mailxml_dd:PieceRequest type</p> <p>1..∞</p> <p>mailxml_dd:retrieveDataBy type mailxml_defs:retrieveDataByType</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:SubmittingParty mailxml_dd:SubmittingSoftware mailxml_dd:SubmitterTrackingID

	<b>mailxml_dd:RequestorCRID mailxml_dd:OriginalMailerID6 mailxml_dd:OriginalMailerID9 mailxml_dd:PieceRequest mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for full service nixie detail.

element **NixieDetailQueryResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError</b>
annotation	documentation Response to the Query request for full service nixie detail.

# element **NonComplianceDataWithPostageOwedQueryRequest**

<p>diagram</p>	
<p>namespace</p>	<p><a href="http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd">http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</a></p>
<p>children</p>	<p><b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b>  <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b>  <b>mailxml_dd:eDocSenderCRID</b> <b>mailxml_dd:StartDate</b> <b>mailxml_dd:EndDate</b> <b>mailxml_dd:retrieveDataBy</b>  <b>mailxml_dd:VerificationErrorType</b></p>
<p>annotation</p>	<p>documentation  Query request for full service Non Compliance Data reports.</p>

element **NonComplianceDataWithPostageOwedReportDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_defs:DataRecipient</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:NonComplianceDataWithPostageOwedReport</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:FullServiceIndicator</b>
annotation	documentation Delivery of by / for conflict information from USPS.

## element NonComplianceDataWithPostageOwedReportNotification

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:eDocSenderCRID</b> <b>mailxml_dd:FSNonFSAAvailabilityDate</b> <b>mailxml_dd:NotificationDate</b> <b>mailxml_dd:AvailableRecordCount</b>
annotation	documentation Notification from USPS that a full service non compliance data report is ready for pickup.

## element NonComplianceDataWithPostageOwedReportQueryResponse

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd

children	<b>mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError</b>
annotation	documentation Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request

## element ScanSTCCount

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:UserLicenseCode mailxml_dd:MaidatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:ConsigneeApptID mailxml_dd:LogicalIndicator mailxml_dd:IMcbCount mailxml_dd:IMtbCount mailxml_dd:IMpbCount mailxml_dd:IMbCount mailxml_dd:PlannedCount mailxml_dd:PaidCount mailxml_dd:ScannedCount mailxml_dd:STCCount</b>
used by	elements <b>ScanSTCReconciliationQueryResponse/QueryResults</b> <a href="#">ScanSTCReconciliationDelivery</a>
annotation	documentation ScanandSPMCountfor thridpartyreconciliation



## element **ScanSTCReconciliationDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_defs:DataRecipient</b> <b>mailxml_dd:eDocSenderCRID</b> <b>mailxml_dd:PushMessageID</b> <a href="#"><b>mailxml_dd:ScanSTCCount</b></a>
annotation	documentation Response to the Query request for for full service container visibility information.

## element ScanSTCReconciliationNotification

diagram	<p><b>ScanSTCReconciliationNotification</b> type</p> <p>Notification sent by USPS that full service container visibility information is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:PushMessageID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:NonFullServiceAvailabilityDate</b> <b>mailxml_dd:AvailableRecordCount</b> <b>mailxml_dd:CountType</b> <b>mailxml_dd:NotificationDate</b>
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

## element ScanSTCReconciliationQueryRequest

diagram	<p><b>ScanSTCReconciliationQueryRequest</b> type</p> <p>Query request for for full service container visibility information.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:SubmittingParty</b> <b>mailxml_dd:SubmittingSoftware</b> <b>mailxml_dd:SubmitterTrackingID</b> <b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:ConsigneeApptID</b> <b>mailxml_dd:retrieveDataBy</b>

	<b>mailxml_dd:ConsigneeApptID mailxml_dd:retrieveDataBy</b>
annotation	documentation Query request for for full service container visibility information.

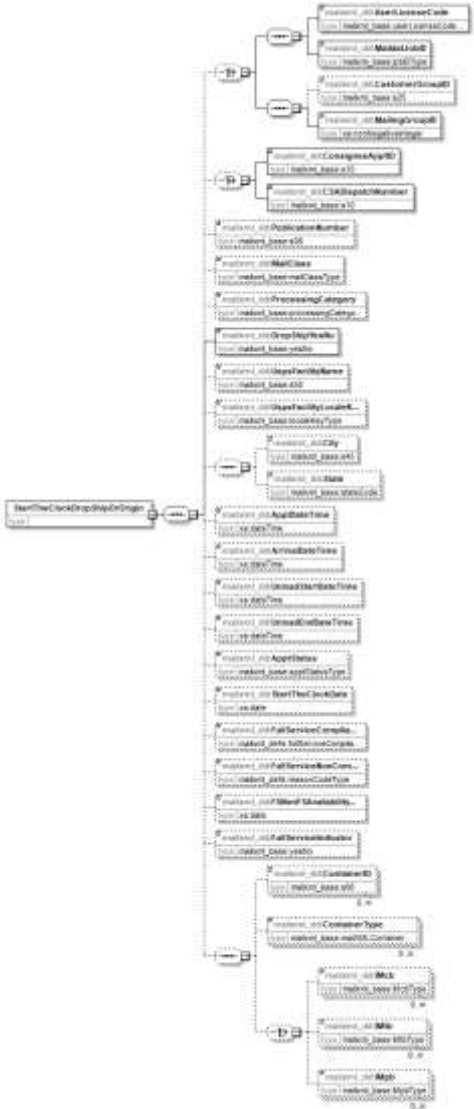
element **ScanSTCReconciliationQueryResponse**

diagram	<p>Response to the Query request for for full service container visibility information.</p>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:TrackingID mailxml_dd:SubmitterTrackingID mailxml_dd:QueryResults mailxml_defs:QueryError</b>
annotation	documentation Response to the Query request for for full service container visibility information.

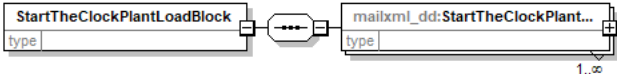
element **StartTheClockBEMUBlock**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:StartTheClockBEMU</b>
used by	complexType <a href="#">clockStartedType</a>

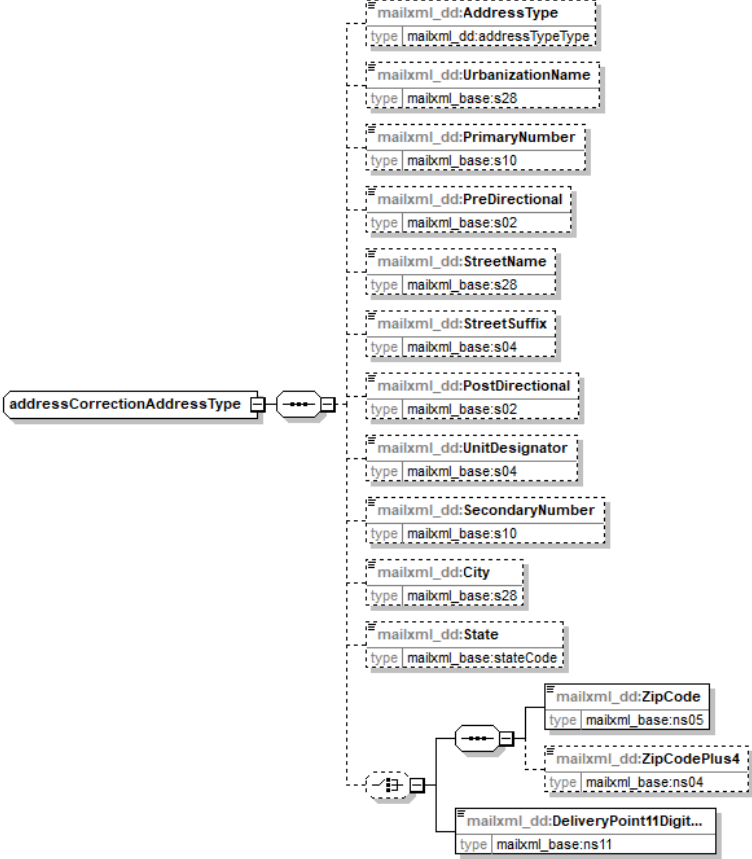
element **StartTheClockDropShipOrOrigin**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MailJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:ConsigneeApptID</b> <b>mailxml_dd:CSADispatchNumber</b> <b>mailxml_dd:PublicationNumber</b> <b>mailxml_dd:MailClass</b> <b>mailxml_dd:ProcessingCategory</b> <b>mailxml_dd:DropShipYesNo</b> <b>mailxml_dd:UspsFacilityName</b> <b>mailxml_dd:UspsFacilityLocaleKey</b> <b>mailxml_dd:City</b> <b>mailxml_dd:State</b> <b>mailxml_dd:ApptDateTime</b> <b>mailxml_dd:ArrivalDate</b> <b>mailxml_dd:UnloadStartDateTime</b> <b>mailxml_dd:UnloadEndDateTime</b> <b>mailxml_dd:ApptStatus</b> <b>mailxml_dd:StartTheClockDate</b> <b>mailxml_dd:FullServiceComplianceIndicator</b> <b>mailxml_dd:FullServiceNonComplianceReasonCode</b> <b>mailxml_dd:FSNonFSAAvailabilityDate</b> <b>mailxml_dd:FullServiceIndicator</b> <b>mailxml_dd:ContainerID</b> <b>mailxml_dd:ContainerType</b> <b>mailxml_dd:IMcb</b> <b>mailxml_dd:IMtb</b>
used by	element <b>clockStartedType/StartTheClockDropShipOrOriginBlock</b>

## element StartTheClockPlantLoadBlock

diagram	 The diagram shows the 'StartTheClockPlantLoadBlock' element with a 'type' attribute. It is connected via a dashed line to a box labeled 'mailxml_dd:StartTheClockPlant...' which also has a 'type' attribute. A multiplicity of '1..∞' is indicated at the end of the connection line.
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:StartTheClockPlantLoad</b>
used by	complexType <a href="#">clockStartedType</a>

## complexType addressCorrectionAddressType

diagram	 The diagram illustrates the 'addressCorrectionAddressType' complex type. It is connected via a dashed line to a large dashed box containing several child elements, each with its own type specification: 'mailxml_dd:AddressType' (type mailxml_dd:addressTypeType), 'mailxml_dd:UrbanizationName' (type mailxml_base:s28), 'mailxml_dd:PrimaryNumber' (type mailxml_base:s10), 'mailxml_dd:PreDirectional' (type mailxml_base:s02), 'mailxml_dd:StreetName' (type mailxml_base:s28), 'mailxml_dd:StreetSuffix' (type mailxml_base:s04), 'mailxml_dd:PostDirectional' (type mailxml_base:s02), 'mailxml_dd:UnitDesignator' (type mailxml_base:s04), 'mailxml_dd:SecondaryNumber' (type mailxml_base:s10), 'mailxml_dd:City' (type mailxml_base:s28), 'mailxml_dd:State' (type mailxml_base:stateCode), 'mailxml_dd:ZipCode' (type mailxml_base:ns05), 'mailxml_dd:ZipCodePlus4' (type mailxml_base:ns04), and 'mailxml_dd:DeliveryPoint11Digit...' (type mailxml_base:ns11). A choice box (dashed circle with a plus sign) is connected to the 'ZipCode' and 'ZipCodePlus4' elements, and another choice box is connected to the 'DeliveryPoint11Digit...' element.
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:AddressType</b> <b>mailxml_dd:UrbanizationName</b> <b>mailxml_dd:PrimaryNumber</b> <b>mailxml_dd:PreDirectional</b> <b>mailxml_dd:StreetName</b> <b>mailxml_dd:StreetSuffix</b> <b>mailxml_dd:PostDirectional</b> <b>mailxml_dd:UnitDesignator</b> <b>mailxml_dd:SecondaryNumber</b> <b>mailxml_dd:City</b> <b>mailxml_dd:State</b> <b>mailxml_dd:ZipCode</b> <b>mailxml_dd:ZipCodePlus4</b> <b>mailxml_dd:DeliveryPoint11DigitZip</b>
used by	elements <b>newAddressCorrectionAddressType/NewDomesticAddress</b> <b>AddressCorrection/OldAddress</b>

## complexType byForConflictType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:MailOwnerConflict mailxml_dd:MailPreparerConflict mailxml_dd:FSNonFSAvailabilityDate mailxml_dd:FullServiceIndicator mailxml_dd:ReturnInfo
used by	elements ByForConflictDelivery/ByForConflict ByForConflictQueryResponse/QueryResults/ByForConflict

## complexType clockStartedType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<a href="#">mailxml_dd:StartTheClockBEMUBlock</a> mailxml_dd:StartTheClockDropShipOrOriginBlock <a href="#">mailxml_dd:StartTheClockPlantLoadBlock</a>

## complexType **dqrContainerInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:ContainerID</b> <b>mailxml_dd:SiblingRefContainerID</b> <b>mailxml_dd:ParentContainerID</b> <b>mailxml_dd:ProcessingCategory</b> <b>mailxml_dd:MailClass</b> <b>mailxml_dd:USPSFacilityLocaleKey</b> <b>mailxml_dd:City</b> <b>mailxml_dd:State</b> <b>mailxml_dd:MailingDate</b> <b>mailxml_dd:ContainerType</b> <b>mailxml_dd:IMcb</b> <b>mailxml_dd:IMtb</b> <b>mailxml_dd:CSAID</b> <b>mailxml_dd:ConsigneeAppTID</b> <b>mailxml_dd:FSNonFSAvailabilityDate</b> <b>mailxml_dd:FullServiceIndicator</b> <b>mailxml_dd:VerificationError</b> <b>mailxml_dd:PreparerCRID</b> <b>mailxml_dd:OwnerCRID</b> <b>mailxml_dd:PieceInfo</b> <b>mailxml_dd:PieceRangeInfo</b>
used by	elements <b>DataQualityVerificationReportDelivery/DataQualityContainerInfo</b> <b>DataQualityVerificationReportDelivery/DataQualityContainerInfo</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/DQRContainerInfo</b>

# complexType **foreignAddressType**

diagram	<pre> xsd:complexType name="foreignAddressType" base="base"&gt;   <xsd:sequence>     <xsd:element name="AddressLine1" type="mailxml_base:s50"></xsd:element>     <xsd:element name="AddressLine2" type="mailxml_base:s50"></xsd:element>     <xsd:element name="AddressLine3" type="mailxml_base:s50"></xsd:element>     <xsd:element name="City" type="mailxml_base:s50"></xsd:element>     <xsd:element name="CountryCode" type="mailxml_base:s03"></xsd:element>     <xsd:element name="Province" type="mailxml_base:s50"></xsd:element>     <xsd:element name="PostalorZipCode" type="mailxml_base:s10"></xsd:element>     <xsd:element name="CountryName" type="mailxml_base:s50"></xsd:element>   </xsd:sequence>  </pre>
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:AddressLine1 mailxml_dd:AddressLine2 mailxml_dd:AddressLine3 mailxml_dd:City</b> <b>mailxml_dd:CountryCode mailxml_dd:Province mailxml_dd:PostalorZipCode mailxml_dd:CountryName</b>
used by	element <b>newAddressCorrectionAddressType/NewForeignAddress</b>



## complexType manifestScanEventDetailType

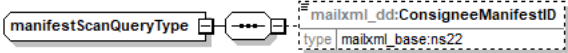
diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:USPSEventExtractFileVersionNumber mailxml_dd:IMpb mailxml_dd:ElectronicFileNumber mailxml_dd:MailerID mailxml_dd:MailerName mailxml_dd:DestinationZipCode mailxml_dd:DestinationZipPlusFour mailxml_dd:ScanningFacilityZip mailxml_dd:ScanningFacilityName mailxml_dd:EventCode mailxml_dd:EventName mailxml_dd:EventDate mailxml_dd:EventTime mailxml_dd:MailerOwnerID mailxml_dd:CustomerReferenceID mailxml_dd:DestinationCountryCode mailxml_dd:RecipientName mailxml_dd:OriginalLabel mailxml_dd:UnitofMeasureCode mailxml_dd:Weight mailxml_dd:GuaranteedDeliveryDate mailxml_dd:GuaranteedDeliveryTime mailxml_dd:LogisticsManagerMailerID

## complexType manifestScanNotificationDataType

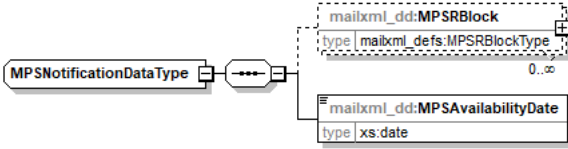
diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd

children	<b>mailxml_dd:ConsigneeManifestID</b>
----------	---------------------------------------

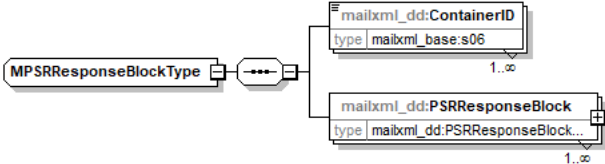
### complexType manifestScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:ConsigneeManifestID</b>

### complexType MPSNotificationDataType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:MPSRBlock</b> <b>mailxml_dd:MPSAvailabilityDate</b>

### complexType MPSRResponseBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:ContainerID</b> <b>mailxml_dd:PSRResponseBlock</b>

## complexType MPSVisScanQueryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<b>mailxml_dd:UserLicenseCode</b> <b>mailxml_dd:MaildatJobID</b> <b>mailxml_dd:CustomerGroupID</b> <b>mailxml_dd:MailingGroupID</b> <b>mailxml_dd:ResultOptions</b> <b>mailxml_dd:RangeLowerDate</b> <b>mailxml_dd:RangeUpperDate</b> <b>mailxml_dd:MID6OnThePiece</b> <b>mailxml_dd:MID9OnThePiece</b> <b>mailxml_dd:FacilityLocaleKey</b> <b>mailxml_dd:EventType</b> <b>mailxml_dd:BundleScanType</b> <b>mailxml_dd:IMcb</b> <b>mailxml_dd:IMtb</b> <b>mailxml_dd:IMB</b> <b>mailxml_dd:BundleID</b> <b>mailxml_dd:FieldIncludedScanRecFlag</b>

## complexType newAddressCorrectionAddressType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd

children	<b>mailxml_dd:NewDomesticAddress mailxml_dd:NewForeignAddress</b>
used by	element <b>AddressCorrection/NewAddress</b>

### complexType nonComplianceDataWithPostageOwedReportType

diagram			
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd		
children	<b>mailxml_dd:UserLicenseCode mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID mailxml_dd:MailingGroupID mailxml_dd:eDocSenderCRID mailxml_dd:TotalFSPieces mailxml_dd:TotalNonFSPieces mailxml_dd:TotalAffectedPieces mailxml_dd:PercentageFullServicePiecesAffected mailxml_dd:EligibilityForPostalOneInvoicing mailxml_dd:TotalDiscountAssessment mailxml_dd:MailClass mailxml_dd:DiscountFinalized mailxml_dd:MailingIDDetail</b>		
used by	elements	<b>NonComplianceDataWithPostageOwedReportQueryResponse/QueryResults/NonComplianceDataWithPostageOwedReport</b> <b>NonComplianceDataWithPostageOwedReportDelivery/NonComplianceDataWithPostageOwedReport</b>	

## complexType PSRResponseBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	mailxml_dd:PRID mailxml_dd:IMBLS mailxml_dd:IMBUS mailxml_dd:ServiceTypeCode mailxml_dd:MailClass mailxml_dd:ServiceLevelIndicator mailxml_dd:MailpieceScanCount
used by	element MPSRResponseBlockType/PSRResponseBlock

## complexType unManifestedScanEventDetailType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd
children	<p> mailxml_dd:USPSEventExtractFileVersionNumber mailxml_dd:IMpb mailxml_dd:ElectronicFileNumber  mailxml_dd:MailerID mailxml_dd:MailerName mailxml_dd:DestinationZipCode mailxml_dd:DestinationZipPlusFour  mailxml_dd:ScanningFacilityZip mailxml_dd:ScanningFacilityName mailxml_dd:EventCode mailxml_dd:EventName  mailxml_dd:EventDate mailxml_dd:EventTime mailxml_dd:MailerOwnerID mailxml_dd:CustomerReferenceID  mailxml_dd:DestinationCountryCode mailxml_dd:RecipientName mailxml_dd:OriginalLabel  mailxml_dd:UnitofMeasureCode mailxml_dd:Weight mailxml_dd:GuaranteedDeliveryDate  mailxml_dd:GuaranteedDeliveryTime mailxml_dd:LogisticsManagerMailerID </p>

## complexType verificationErrorType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd

children	<b>mailxml_dd:VerificationErrorCode mailxml_dd:VerificationErrorDescription</b>
used by	elements <b>dqrContainerInfoType/VerificationError dqrContainerInfoType/PieceInfo/VerificationError dqrContainerInfoType/PieceRangeInfo/VerificationError nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationError</b>

#### simpleType **addressCorrectionMoveType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>
used by	element <b>AddressCorrection/MoveType</b>

#### simpleType **addressTypeType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>
used by	element <b>addressCorrectionAddressType/AddressType</b>

#### simpleType **containerScanStateType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>
annotation	documentation <b>Scan data for Container Scan States</b>

#### simpleType **deliverabilityCodeType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>
used by	element <b>AddressCorrection/DeliverabilityCodeType</b>

#### simpleType **eDocTypeType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>

#### simpleType **primarySecondaryIndicatorType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
type	restriction of <b>xs:string</b>
used by	element <b>DeliveryPointValidation/PrimarySecondaryIndicator</b>

#### simpleType **verificationErrorTypeType**

namespace	<b>http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</b>
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type	restriction of <b>xs:string</b>	
used by	elements	<b>DataQualityVerificationReportDelivery/VerificationErrorType</b> <b>DataQualityVerificationReportNotification/VerificationErrorType</b> <b>DataQualityVerificationReportQueryRequest/VerificationErrorType</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/VerificationErrorType</b> <b>NonComplianceDataWithPostageOwedQueryRequest/VerificationErrorType</b> <b>nonComplianceDataWithPostageOwedReportType/MailingIDDetail/VerificationErrorType</b>

#### simpleType **verificationWarningType**

namespace	<a href="http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd">http://delivery-tech.org/Specs/mailxml24.0/mailxml_dd</a>	
type	restriction of <b>xs:string</b>	
used by	elements	<b>DataQualityVerificationReportDelivery/VerificationWarningType</b> <b>DataQualityVerificationReportNotification/VerificationWarningType</b> <b>DataQualityVerificationReportQueryRequest/VerificationWarningType</b> <b>DataQualityVerificationReportQueryResponse/QueryResults/VerificationWarningType</b>

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